

Peak District National Park

Forecast valid from 00:00 on Wednesday 23 Feb 2022 until 23:59 on Thursday 24 Feb 2022

Forecast Issued on Tuesday 22 Feb 2022 at 15:20

Confidence: High for generally unsettled and windy conditions but Friday is looking like the exception as a ridge moves over the UK.

Headline for Wednesday 23 Feb 2022: Windy but mainly dry during daytime.

Mountain weather hazards on Wednesday 23 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Partly cloudy (night)	Sunny intervals	Cloudy	Light rain showers	Cloudy	Heavy Rain
Precipitation probability							
10%	10%	10%	10%	20%	40%	40%	70%

Forecast for Wednesday 23 Feb 2022

Weather: Dry with clear spells overnight. Mainly dry during the day with bright spells but there could be the odd passing shower in the afternoon. A band of rain will move south during the evening, becoming heavy for a time, then turning to snow above 400m late in the evening.

Chance of cloud-free hill tops above 600m: 80% during the day. Becoming 20% from early evening.

Low cloud and visibility: Mainly good visibility but some patchy cloud above 500 or 600m in the west. However, becoming poor in the evening with cloud descending to 300 or 400m later.

Forecast for Wednesday 23 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/36 W	29/41 SW	32/46 SW	32/44 SW	34/46 SW	33/46 SW	33/46 SW	33/46 SW	23/33 W
300	17/28 SW	19/32 SW	22/36 SW	23/35 SW	26/38 SW	24/37 SW	24/37 SW	24/38 SW	17/28 W
Valley	11/26 SW	12/30 SW	14/33 SW	15/33 SW	18/36 SW	17/36 SW	17/35 SW	17/36 SW	13/27 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-7	1/-6	2/-5	4/-3	5/-2	4/-3	3/-4	1/-5
300	4/-1	3/-2	3/-2	4/-1	7/1	7/3	7/2	6/1	4/-1
Valley	4/0	3/-1	3/-1	5/0	8/3	8/4	7/3	6/2	4/-0
Freezing Level*	800m	700m	800m	900m	1000m	1100m	1100m	1100m	700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A windy day with gusts of 50 to 60mph giving difficult walking conditions on the tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 22 Feb 2022	5.8mm	25.8mm	64.6mm

Forecast for Thursday 24 Feb 2022

Weather: Rain, sleet or snow clearing southeast overnight. A bitterly cold day with bright spells and a few passing snow showers. The showers turning more frequent and heavy during the evening with a small chance of hail and thunder.

Maximum wind: West or southwest 25 to 30mph, gusts 45mph.

Chance of cloud-free hill tops above 600m: 70%, becoming 30% in the evening.

Low cloud and visibility: Mainly good visibility but occasionally poor in showers with patchy cloud down to 400m. More extensive periods of poor visibility in the evening cloud down to 400m and blizzards on the tops.

Temperature: **Valleys:** Plus 2 to 4 Celsius, occasionally 0 Celsius in snow showers.

At 600m: Minus 1 or 2 Celsius.

Freezing level: 700m at midnight, falling to 200m by dawn, rising to 400m in evening.